HYGIENETECH
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January 10, 2014

California State Board of Equalization
450 N Street
Sacramento, California 94279

Document No. 21311001.1

Attention: David Gau

Regarding: Limited Fungal Growth Exposure Assessment Surveys
November 2013 Random Sampling

Dear Mr. Gau:

On November 7, 15, and 22, 2013, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted limited fungal growth exposure assessment surveys involving 18 randomly selected areas located within the California State Board of Equalization (BOE) building. The findings of the surveys, along with the analytical data, conclusions, and recommendations when applicable, appear below.

On the survey dates, air samples were collected for total (viable and nonviable) fungi analyses using a Zefon brand Bio-Pump Plus™ equipped with Air-O-Cell™ cassettes. All such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. The airborne fungi assessment analytical data with supporting and background information appear in the enclosed table.

As presented in Table 21311001-1, the airborne spore count data recorded showed fungal spore types outdoors such as *Alternaria*, ascospores, basidiospores, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium*/*Aspergillus* species, other brown, *Nigrospora,* rusts, and/or smuts. In the indoor areas tested, the data showed that airborne fungal spores were either not detected at or above the laboratory detection limit indicated or were detected at low airborne concentrations. The fungal spore types found indoor included ascospores, basidiospores, *Cladosporium*, colorless spores typical of *Penicillium*/*Aspergillus* species, *Oidium,* rusts and/or smuts. The distribution of fungal spore types detected in the surveyed areas was generally consistent with those found outdoors, and the overall data within the tested areas were well below the overall outdoor data recorded. These data are considered unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

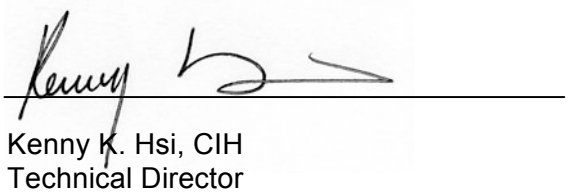
Be advised that the data provided in this report only represent limited fungal growth and exposure potentials that existed at the time these surveys were performed and at the precise sample locations

indicated. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, or other factors. Also be advised that additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the surveys.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.



Kenny K. Hsi, CIH
Technical Director

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 21311001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
NOVEMBER 7, 15, AND 22, 2013

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21311001-1 TM01OUT	21311001-1 TM02	21311001-1 TM03	21311001-1 TM04
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 20 feet north of building; approximately five feet above ground/Normal outdoor activities	21st Floor; Column K20 area; adjacent to Cubicle 78; approximately five feet above floor/Normal office activities	20th Floor; Column N18 area; fax/copy station area; approximately five feet above floor/Normal office activities	11th Floor; Low Rise Elevator Lobby; about center; approximately five feet above floor/Normal office activities
DATE	11/07/13	11/07/13	11/07/13	11/07/13
START/STOP	10:30:00/10:35:00	10:45:00/10:50:00	10:55:00/11:00:00	11:05:00/11:10:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	110			
Ascospores	110			53
Basidiospores	1,000	53	53	53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium	80			
Cladosporium	3,400		53	
Curvularia				
Epicoccum				
Fusarium				
Nigrospora	27			
Oidium				
Other brown	40			
Other colorless				
Penicillium/Aspergillus types	1,500			
Pithomyces				
Rusts	40	13		
Smuts (Periconia, Myxomycetes)	490		13	13
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	120	<13	13	<13
Background debris*	3+	1+	2+	2+
TOTAL**	6,800	<67	120	120

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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TABLE 21311001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
NOVEMBER 7, 15, AND 22, 2013

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21311001-1 TM05	21311001-1 TM06	21311001-1 TM07	21311001-2 TM08OUT
SAMPLING LOCATION/ACTIVITIES	8th Floor; Conference Room 805; about center; approximately five feet above floor/Normal office activities	7th Floor; Column N18 area; adjacent to Cubicle 162/164 approximately five feet above floor/Normal office activities	3rd Floor; Room 317; reception area; about center; approximately five feet above floor/Normal office activities	Outdoors; about 25 feet north of Cafeteria; approximately five feet above ground/Normal outdoor activities
DATE	11/07/13	11/07/13	11/07/13	11/15/13
START/STOP	11:15:00/11:20:00	11:23:00/11:28:00	11:32:00/11:37:00	13:17:00/13:22:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				53
Ascospores	53			13
Basidiospores	110	53		160
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				13
Cladosporium	53	210	110	830
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				13
Oidium				
Other brown				
Penicillium/Aspergillus types				230
Pithomyces				
Rusts				13
Smuts (Periconia, Myxomycetes)				110
Stachybotrys				
Stemphylium				
Torula				
Trichocladium				
Ulocladium				
Zygomycetes				
Hyphal fragments	13	13	13	93
Background debris*	2+	2+	2+	2+
TOTAL**	210	270	110	1,400

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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TABLE 21311001-1
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450 N STREET
SACRAMENTO, CALIFORNIA
NOVEMBER 7, 15, AND 22, 2013

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21311001-2 TM09	21311001-2 TM10	21311001-2 TM11	21311001-2 TM12
SAMPLING LOCATION/ACTIVITIES	22nd Floor; Break Room 2202; about center; approximately five feet above floor/Normal office activities	19th Floor; Column N20 area; cubicle area; approximately five feet above floor/Normal office activities	17th Floor; Column N23 area; about 10 feet east of Column N23; approximately five feet above floor/Normal office activities	14th Floor; Elevator Lobby; southern end; approximately five feet above floor/Normal office activities
DATE	11/15/13	11/15/13	11/15/13	11/15/13
START/STOP	13:30:00/13:35:00	13:39:00/13:44:00	13:48:00/13:53:00	13:57:00/14:02:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53	53		53
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium			13	
Other brown				
Penicillium/Aspergillus types				53
Pithomyces				
Rusts			13	
Smuts (Periconia, Myxomycetes)	13			
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	13	<13	<13
Background debris*	2+	2+	2+	2+
TOTAL**	67	53	27	110

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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TABLE 21311001-1
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450 N STREET
SACRAMENTO, CALIFORNIA
NOVEMBER 7, 15, AND 22, 2013

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21311001-2 TM13**	**21311001-1 TM14**	**21311001-1 TM15OUT**	**21311001-1 TM16**
SAMPLING LOCATION/ACTIVITIES	6th Floor; Column N17 area; about 10 feet west of Column N17; approximately five feet above floor/Normal office activities	4th Floor; northwestern corridor; adjacent to Room 402; approximately five feet above floor/Normal office activities	Outdoors; about 25 feet west of building; approximately five feet above ground/Normal outdoor activities	23rd Floor; Column K21 area; about center; approximately five feet above floor/Normal office activities
DATE	11/15/13	11/15/13	11/22/13	11/22/13
START/STOP	14:08:00/14:13:00	14:16:00/14:21:00	11:05:00/11:10:00	11:13:00/11:18:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria			40	
Ascospores				
Basidiospores			270	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53	110	8.800	160
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types			53	
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	13	13	40	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	<13	130	<13
Background debris*	2+	2+	2+	1+
TOTAL**	67	120	9,200	160

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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450 N STREET
SACRAMENTO, CALIFORNIA
NOVEMBER 7, 15, AND 22, 2013

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21311001-1 TM17	21311001-1 TM18	21311001-1 TM19	21311001-1 TM20
SAMPLING LOCATION/ACTIVITIES	18th Floor; Column K18 area; about center; approximately five feet above floor/Normal office activities	16th Floor; adjacent to Cubicle 26; approximately five feet above floor/Normal office activities	15th Floor; Elevator Lobby; approximately five feet above floor/Normal office activities	10th Floor; Column N20 area; about center; approximately five feet above floor/Normal office activities
DATE	11/22/13	11/22/13	11/22/13	11/22/13
START/STOP	11:21:00/11:26:00	11:30:00/11:35:00	11:37:00/11:42:00	11:44:00/11:49:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			110	
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				13
Smuts (Periconia, Myxomycetes)				
Spegazzinia				
Stachybotrys				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	<13	<13	<13
Background debris*	1+	1+	1+	1+
TOTAL**	<13	<13	110	13

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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Sacramento, California 94279

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AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
NOVEMBER 7, 15, AND 22, 2013

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21311001-1 TM21**			
SAMPLING LOCATION/ACTIVITIES	9th Floor; adjacent to Column M22 area; approximately five feet above floor/Normal office activities	This Column intentionally left blank	This Column intentionally left blank	This Column intentionally left blank
DATE	11/22/13			
START/STOP	11:51:00/11:56:00			
SAMPLE TIME	5 minutes			
Alternaria				
Ascospores				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13			
Background debris*	1+			
TOTAL**	<13			

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

EMLab P&K
A TestAmerica Company

Report for:

Mr. Kenny Hsi, Mr. Larry Sandhu
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21311001
EML ID: 1142924

Approved by:

Technical Manager
Melissa Tracey

Dates of Analysis:
Spore trap analysis: 11-25-2013

Service SOPs: Spore trap analysis (1038)
AIHA-LAP, LLC accredited service, Lab ID #179768

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Larry Sandhu
Re: 21311001

Date of Sampling: 11-22-2013
Date of Receipt: 11-22-2013
Date of Report: 11-25-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21311001-TM15Out		21311001-TM16		21311001-TM12		21311001-TM18	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	5163372-1		5163373-1		5163374-1		5163375-1	
Analysis Date:	11/25/2013		11/25/2013		11/25/2013		11/25/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	3	40						
Ascospores								
Basidiospores	5	270						
Botrytis								
Chaetomium								
Cladosporium	165	8,800	3	160				
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	1	53						
Pithomyces								
Rusts								
Smuts, Periconia, Myxomycetes	3	40						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		1+		1+		1+	
Hyphal fragments/m3	130		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		13	
Skin cells (1-4+)	< 1+		< 1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		9,200		160		< 13		< 13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Kenny Hsi, Mr. Larry Sandhu
Re: 21311001

Date of Sampling: 11-22-2013
Date of Receipt: 11-22-2013
Date of Report: 11-25-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21311001-TM19		21311001-TM20		21311001-TM21	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5163376-1		5163377-1		5163378-1	
Analysis Date:	11/25/2013		11/25/2013		11/25/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores						
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	2	110				
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts			1	13		
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+		1+		1+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		110		13		< 13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

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§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

EMLab P&K
A TestAmerica Company

Report for:

Mr. Chun Lau
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21311001-1
EML ID: 1136889

Approved by:

Technical Manager
Melissa Tracey

Dates of Analysis:
Spore trap analysis: 11-07-2013

Service SOPs: Spore trap analysis (1038)
AIHA-LAP, LLC accredited service, Lab ID #179768

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21311001-1-TM01 OUT		21311001-1-TM02		21311001-1-TM03		21311001-1-TM04	
Comments (see below)	A		None		None		None	
Lab ID-Version‡:	5135628-1		5135629-1		5135630-1		5135631-1	
Analysis Date:	11/07/2013		11/07/2013		11/07/2013		11/07/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	8	110						
Ascospores	2	110					1	53
Basidiospores	19	1,000	1	53	1	53	1	53
Chaetomium	6	80						
Cladosporium	63	3,400			1	53		
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora	2	27						
Other brown	3	40						
Other colorless								
Penicillium/Aspergillus types†	56	1,500						
Pithomyces								
Rusts	3	40	1	13				
Smuts, Periconia, Myxomycetes	37	490			1	13	1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		1+		2+		2+	
Hyphal fragments/m3	120		< 13		13		< 13	
Pollen/m3	93		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		6,800		67		120		120

Comments: A) 36 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

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For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21311001-1-TM05		21311001-1-TM06		21311001-1-TM07	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5135632-1		5135633-1		5135634-1	
Analysis Date:	11/07/2013		11/07/2013		11/07/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores	1	53				
Basidiospores	2	110	1	53		
Chaetomium						
Cladosporium	1	53	4	210	2	110
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		2+		2+	
Hyphal fragments/m3	13		13		13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		210		270		110

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

EMLab P&K
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(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21311001-1-TM01 OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: November in California† (n‡=14417)						Typical Outdoor Data for: The entire year in California† (n‡=188141)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	110	13	13	27	67	120	58	13	13	27	67	110	54
Bipolaris/Drechslera group	-	8	13	13	27	53	15	7	13	13	27	40	12
Chaetomium	80	11	13	13	29	53	18	8	13	13	27	47	19
Cladosporium	3,400	190	370	1,100	3,200	5,900	98	110	210	630	1,700	2,800	97
Curvularia	-	7	13	13	27	53	8	7	13	13	27	53	6
Nigrospora	27	8	13	13	40	67	14	7	13	13	27	53	8
Other brown	40	13	13	13	40	53	34	13	13	13	40	53	34
Penicillium/Aspergillus types	1,500	53	110	320	910	1,500	89	53	100	210	590	1,000	85
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	4
Torula	-	10	13	13	40	67	9	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	110	22	53	130	520	1,100	72	25	53	110	360	690	71
Basidiospores	1,000	53	110	430	2,600	6,200	96	53	80	270	1,000	2,400	93
Rusts	40	13	13	13	53	93	28	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	490	13	13	40	110	190	71	13	13	40	110	200	68
§ TOTAL SPORES/m3	6,800												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.
** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21311001-1-TM01 OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	110	7 - 33 - 590	45
Ascospores	110	13 - 210 - 5,700	76
Basidiospores	1,000	13 - 450 - 24,000	92
Chaetomium	80	7 - 13 - 160	9
Cladosporium	3,400	27 - 480 - 11,000	90
Nigrospora	27	7 - 13 - 240	16
Other brown	40	7 - 13 - 120	24
Penicillium/Aspergillus types	1,500	13 - 170 - 2,700	68
Rusts	40	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes	490	7 - 53 - 930	64
Total	6,800		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21311001-1-TM02

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 5 Result: 1.4857 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.2636 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Rusts	13
Total	67

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Client: Hygiene Technologies International, Inc.
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Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21311001-1-TM03

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 5 Result: 1.4857 Critical value: 11.0705 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.7182 Critical value: 0.5515 Outside Similar: Yes	Score: 104 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	53
Smuts, Periconia, Myxomycetes	13
Total	120

Location: 21311001-1-TM04

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 5 Result: 1.4857 Critical value: 11.0705 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.4182 Critical value: 0.5515 Outside Similar: No	Score: 104 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Ascospores	53
Basidiospores	53
Smuts, Periconia, Myxomycetes	13
Total	120

Location: 21311001-1-TM05

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 5 Result: 1.4857 Critical value: 11.0705 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.6061 Critical value: 0.5515 Outside Similar: Yes	Score: 108 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Ascospores	53
Basidiospores	110
Cladosporium	53
Total	210

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Client: Hygiene Technologies International, Inc.
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Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21311001-1-TM06

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 3%	dF: 5 Result: 1.4857 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.6970 Critical value: 0.5515 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Cladosporium	210
Total	270

Location: 21311001-1-TM07

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 5 Result: 1.4857 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6424 Critical value: 0.5515 Outside Similar: Yes	Score: 104 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	110
Total	110

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21311001-1-TM01 OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		8	110
Bipolaris/Drechslera group		ND	< 13
Chaetomium		6	80
Cladosporium		63	3,400
Curvularia		ND	< 13
Nigrospora		2	27
Other brown		3	40
Penicillium/Aspergillus types†		56	1,500
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores		2	110
Basidiospores		19	1,000
Rusts		3	40
Smuts, Periconia, Myxomycetes		37	490
Total			**6,813**

Location: 21311001-1-TM02

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		105
Rusts		1	13		105
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**67**	**Final MoldSCORE**	**105**

EMLab P&K
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Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSCORE™: Spore Trap Report

Location: 21311001-1-TM03

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		104
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		1	13		101
Total			**120**	**Final MoldSCORE**	**104**

Location: 21311001-1-TM04

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		1	53		120
Basidiospores		1	53		104
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		1	13		101
Total			**120**	**Final MoldSCORE**	**104**

EMLab P&K
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Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSCORE™: Spore Trap Report

Location: 21311001-1-TM05

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		1	53		120
Basidiospores		2	110		108
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**213**	**Final MoldSCORE**	**108**

Location: 21311001-1-TM06

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		4	210		105
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**267**	**Final MoldSCORE**	**105**

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21311001-1

Date of Sampling: 11-07-2013
Date of Receipt: 11-07-2013
Date of Report: 11-08-2013

MoldSCORE™: Spore Trap Report

Location: 21311001-1-TM07

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		2	110		104
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**107**	**Final MoldSCORE**	**104**

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.
** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

EMLab P&K
A TestAmerica Company

Report for:

Mr. Wes Frey
Hygiene Technologies International, Inc.: Southern California
3625 Del Amo Blvd
Suite 180
Torrance, CA 90503

Regarding: Project: 21311001-2
EML ID: 1141145

Approved by:

Technical Manager
Roshanak Kalantari

Dates of Analysis:
Spore trap analysis: 11-20-2013

Service SOPs: Spore trap analysis (1038)
AIHA-LAP, LLC accredited service, Lab ID #173068

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K
1010 N Central Avenue, Glendale, CA 91202
(866) 465-6653 Fax (858) 569-5806 www.emlab.com

Client: Hygiene Technologies International, Inc.: Southern California
C/O: Mr. Wes Frey
Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2131100-1-2 TM08OUT			2131100-1-2 TM09		
Comments (see below)	A			None		
Lab ID-Version‡:	5156738-1			5156739-1		
Analysis Date:	11/20/2013			11/20/2013		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	4	100	53			
Ascospores	1	100	13			
Basidiospores	3	25	160			
Chaetomium	1	100	13			
Cladosporium	11/18	25/100	830	1	25	53
Myrothecium						
Nigrospora	1	100	13			
Oidium						
Other colorless						
Penicillium/Aspergillus types†	2/9	25/100	230			
Pithomyces						
Rusts	1	100	13			
Smuts, Periconia, Myxomycetes	8	100	110	1	100	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+			2+		
Hyphal fragments/m3	93			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			1,400			67

Comments: A) 18 of the raw count *Cladosporium* spores were present as a single clump. 9 of the raw count *Penicillium/ Aspergillus* type spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

EMLab P&K
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(866) 465-6653 Fax (858) 569-5806 www.emlab.com

Client: Hygiene Technologies International, Inc.: Southern California
C/O: Mr. Wes Frey
Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2131100-1-2 TM10			2131100-1-2 TM11		
Comments (see below)	None			None		
Lab ID-Version‡:	5156740-1			5156741-1		
Analysis Date:	11/20/2013			11/20/2013		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores						
Basidiospores						
Chaetomium						
Cladosporium	1	25	53			
Fusarium						
Myrothecium						
Nigrospora						
Oidium				1	100	13
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts				1	100	13
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+			2+		
Hyphal fragments/m3	13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			53			27

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2131100-1-2 TM12			2131100-1-2 TM13		
Comments (see below)	None			None		
Lab ID-Version‡:	5156742-1			5156743-1		
Analysis Date:	11/20/2013			11/20/2013		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores						
Basidiospores						
Chaetomium						
Cladosporium	1	25	53	1	25	53
Fusarium						
Myrothecium						
Nigrospora						
Oidium						
Other colorless						
Penicillium/Aspergillus types†	1	25	53			
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes				1	100	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+			2+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			110			67

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2131100-1-2 TM14		
Comments (see below)	None		
Lab ID-Version‡:	5156744-1		
Analysis Date:	11/20/2013		
	raw ct.	% read	spores/m3
Alternaria			
Ascospores			
Basidiospores			
Chaetomium			
Cladosporium	2	25	110
Fusarium			
Myrothecium			
Nigrospora			
Oidium			
Other colorless			
Penicillium/Aspergillus types†			
Pithomyces			
Rusts			
Smuts, Periconia, Myxomycetes	1	100	13
Stachybotrys			
Stemphylium			
Torula			
Ulocladium			
Zygomycetes			
Background debris (1-4+)††	2+		
Hyphal fragments/m3	< 13		
Pollen/m3	< 13		
Skin cells (1-4+)	1+		
Sample volume (liters)	75		
§ TOTAL SPORES/m3			120

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Client: Hygiene Technologies International, Inc.: Southern California
C/O: Mr. Wes Frey
Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2131100-1-2 TM08OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: November in California† (n‡=14417)						Typical Outdoor Data for: The entire year in California† (n‡=188141)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	53	13	13	27	67	120	58	13	13	27	67	110	54
Bipolaris/Drechslera group	-	8	13	13	27	53	15	7	13	13	27	40	12
Chaetomium	13	11	13	13	29	53	18	8	13	13	27	47	19
Cladosporium	830	190	370	1,100	3,200	5,900	98	110	210	630	1,700	2,800	97
Curvularia	-	7	13	13	27	53	8	7	13	13	27	53	6
Nigrospora	13	8	13	13	40	67	14	7	13	13	27	53	8
Penicillium/Aspergillus types	230	53	110	320	910	1,500	89	53	100	210	590	1,000	85
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	4
Torula	-	10	13	13	40	67	9	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	13	22	53	130	520	1,100	72	25	53	110	360	690	71
Basidiospores	160	53	110	430	2,600	6,200	96	53	80	270	1,000	2,400	93
Oidium	-	13	13	13	40	67	11	13	13	13	40	75	19
Rusts	13	13	13	13	53	93	28	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	110	13	13	40	110	190	71	13	13	40	110	200	68
§ TOTAL SPORES/m3	1,400												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.
** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

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Client: Hygiene Technologies International, Inc.: Southern California
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Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

MoldSCORE™: Spore Trap Report

Outdoor Sample: 2131100-1-2 TM08OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		4	53
Bipolaris/Drechslera group		ND	< 13
Chaetomium		1	13
Cladosporium		29	830
Curvularia		ND	< 13
Nigrospora		1	13
Penicillium/Aspergillus types†		11	230
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores		1	13
Basidiospores		3	160
Rusts		1	13
Smuts, Periconia, Myxomycetes		8	110
Total			**1,427**

Location: 2131100-1-2 TM09

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		102
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		1	13		102
Total			**67**	**Final MoldSCORE**	**102**

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Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

MoldSCORE™: Spore Trap Report

Location: 2131100-1-2 TM10

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		102
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**102**

Location: 2131100-1-2 TM11

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Oidium		1	13		105
Rusts		1	13		105
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**27**	**Final MoldSCORE**	**100**

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Date of Receipt: 11-19-2013
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MoldSCORE™: Spore Trap Report

Location: 2131100-1-2 TM12

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		101
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		ND	< 13		100
Total			**107**	**Final MoldSCORE**	**107**

Location: 2131100-1-2 TM13

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		102
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		1	13		102
Total			**67**	**Final MoldSCORE**	**102**

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Re: 21311001-2

Date of Sampling: 11-15-2013
Date of Receipt: 11-19-2013
Date of Report: 11-20-2013

MoldSCORE™: Spore Trap Report

Location: 2131100-1-2 TM14

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		2	110		104
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores		ND	< 13		100
Basidiospores		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes		1	13		101
Total			**120**	**Final MoldSCORE**	**104**

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.
** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

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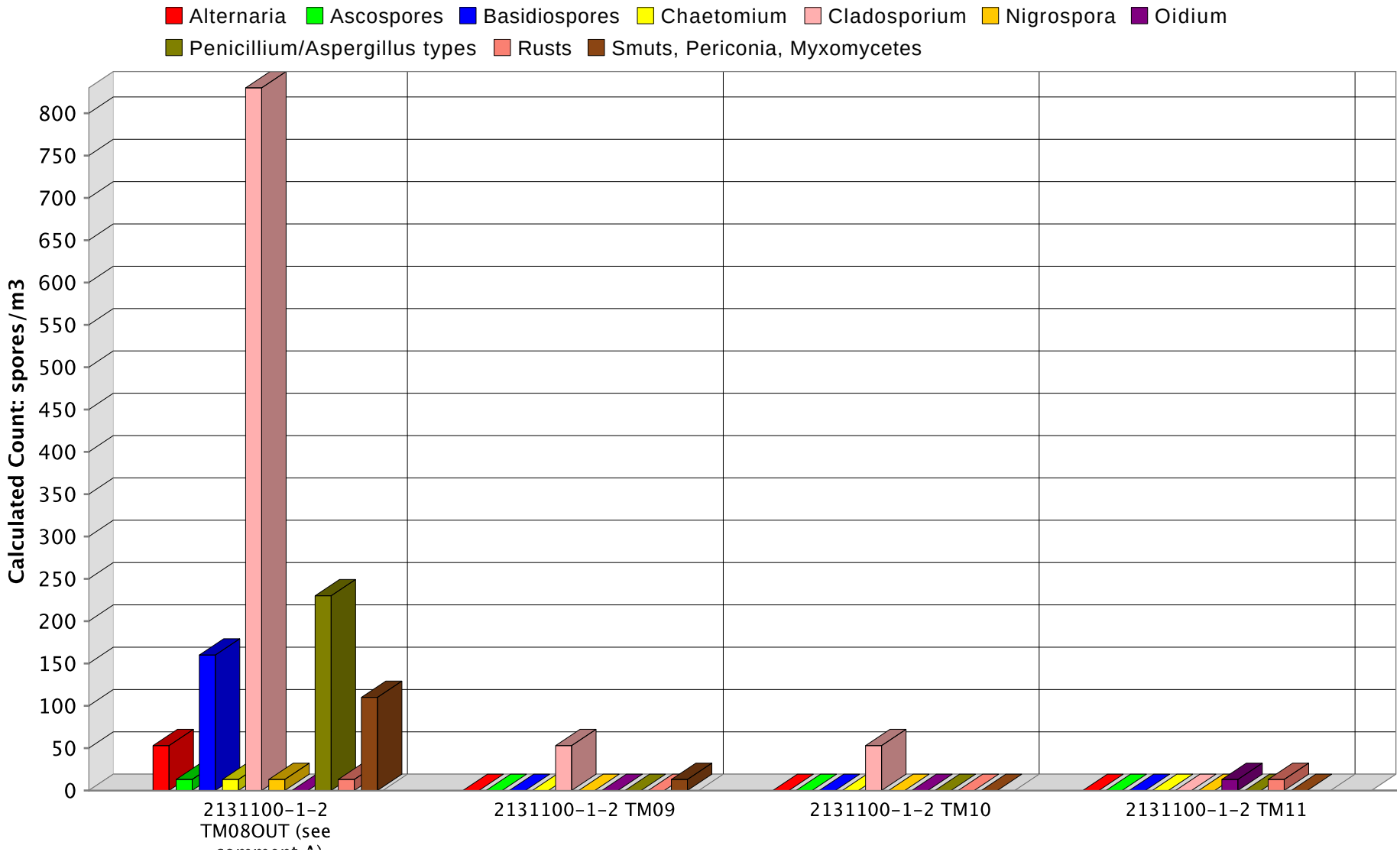
SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



Comments: A) 18 of the raw count *Cladosporium* spores were present as a single clump. 9 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump.

Note: Graphical output may understate the importance of certain "marker" genera.

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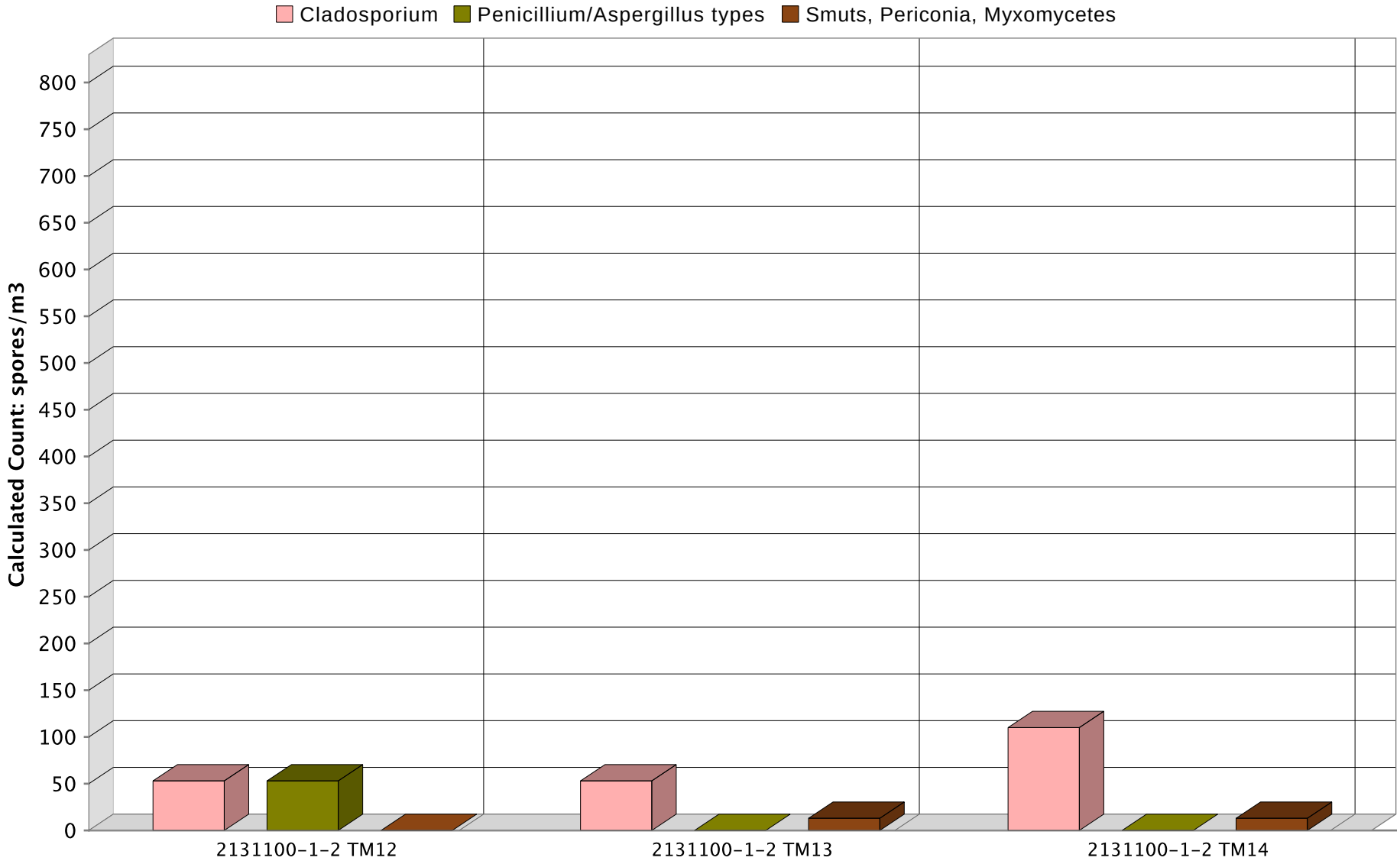
SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



Comments:

Note: Graphical output may understate the importance of certain "marker" genera.

HYGIENE TECH

Hygiene Technologies International, Inc.

001136889

3625 ...

(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 2131I001-1 Date Submitted: 1/7/13
Project Contact: Chun Lau Turnaround Required: Standard
Lab Destination: EMLAB Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2131I001-1-TM01	75L	Air-O-Cell	Spore Trap Analysis
-TM02	↓	↓	↓
-TM03	↓	↓	↓
-TM04	↓	↓	↓
-TM05	↓	↓	↓
-TM06	↓	↓	↓
-TM07	↓	↓	↓

Special Instructions:

1. Sampled by: [signature] 1/7/13 1:30 Received by: [signature] 1/7/13 12:..
2. Relinquished by: Received by:
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

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Brussels • Vienna • Abuja • Mumbai • Beijing

HYGIENE TECH

Hygiene Technologies International, Inc.

001141145

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a 90503-1643
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(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 213l001-2 Date Submitted: 11-18-13

Project Contact: W. Frey / L. Sexton Turnaround Required: Normal

Lab Destination: EMLab Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
213l001-2 TM8out	75L	airveil	Total Fungi I.D. (spore trap)
213l001-2 TM09	↓	↓	↓
213l001-2 TM10			
213l001-2 TM11			
213l001-2 TM12			
213l001-2 TM13			
213l001-2 TM14	↓	↓	↓

Special Instructions:

1. **Sampled by:** 11-15-13 1500 **Received by:** 11/19/13 10:30 am
2. **Relinquished by:** 11-19-13 1700 **Received by:**
3. **Relinquished by:** **Received by:**

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH

Hygiene Technologies International, Inc.

3625 Del A[illegible]
Torrance
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

001142924

Request For Analysis

Project Number/Purchase Order: 21311001 Date Submitted: 11/22/13

Project Contact: Alejo Turnaround Required: Standard

Lab Destination: Emlab Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21311001-TM15OA4	75L	Air-o-cell	Spore Trap
-TM16	↓	↓	↓
-TM17	↓	↓	↓
-TM18	↓	↓	↓
-TM19	↓	↓	↓
-TM20	↓	↓	↓
-TM21	↓	↓	↓

Special Instructions:

1. Sampled by: [signature] 11/22/13 @ 1200 Received by: [signature] 11/22/13 @ 1237
2. Relinquished by: [signature] 11/22/13 Received by:
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only: